AVERAGE WEEKLY ROOM USAGE IN CLASS LABORATORIES

TABLE 4

The assessment of class laboratories is often difficult because of the specialized nature of a class laboratory as well as its interrelationship with a particular course of instruction. Laboratories should be evaluated on use, requirements, cost of operation and relationships to other laboratories.

The average room hours of instruction in laboratories is the ratio of the total room hours of instruction per week to the total number of classes which are designated with a room type of "210" (laboratories). Total room hours is obtained by multiplying the class duration (amount of time a class meets per week or class length) by the number of days a class meets per week.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of class labs is 20 hours per week.

Average Room Hours = <u>Total Room Hours of Instruction in Labs</u>
                                       Total Number of Labs

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE				
Mon.	13:00 – 16:00	17	210	1 day	* 3 hours	= 3
Tues.	13:30 – 16:30	14	210	1 day	* 3 hours	= 3
Mon./Wed./Fri.	9:00 – 10:00	25	210	3 days	* 1 hour	= 3
Mon./Wed./Fri.	10:00 – 11:00	35	210	3 days	* 1 hour	= 3
Tues./Thurs.	11:00 – 12:30	30	210	2 days	* 1.5 hr	= 3
Wed.	11:00 – 14:00	29	210	1 day	* 3 hours	= 3
Fri.	11:00 – 14:00	21	210	1 day	* 3 hours	= 3
Mon.	13:00 – 16:00	22	210	1 day	* 3 hours	= 3
Wed.	18:00 – 21:00	13	210	1 day	* 3 hours	= 3
Mon.	19:00 – 22:00	16	210	1 days	* 3 hours	= 3

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                                                              ____
                                              TOTAL   30
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The last two classes listed in the sample data start after 17:00 which is considered nighttime, so six hours would be placed under "Nighttime". The remaining twenty-four hours would be placed under "Daytime". "Total Room Hours" would be thirty. The sample report uses 90 as the total number of rooms classified with a room type of "210" (laboratories).

$$\frac{\text{Total Room Hours of Instruction} = 30}{\text{Total Number of Class Laboratories} = 90} \quad \frac{}{} = .33$$

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	24.00	6.00	.33

TABLE 4
AVERAGE WEEKLY ROOM USAGE
IN CLASS LABORATORIES

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTIME	ALL HOURS				
					2001	2000	1999	1998	1997
PUBLIC FOUR YEAR INSTITUTIONS									
LSU A&M (Including Ag. & Law)	29,277	2,641	2,386	255	14.3	12.6	12.7	14.1	14.5
University of Louisiana in Lafayette	13,281	907	799	108	9.0	9.2	9.9	10.7	11.1
University of New Orleans	12,515	570	507	63	8.5	8.5	8.5	9.5	10.1
Southeastern Louisiana University	12,365	874	820	54	15.8	13.0	19.9	21.1	14.1
Louisiana Tech University	9,541	706	641	65	5.0	4.8	10.7	13.6	12.9
Southern University A&M	8,442	828	741	88	6.9	8.3	**	8.2	8.2
Northwestern State University	7,943	1,130	771	359	9.8	9.6	10.8	10.2	9.1
University of Louisiana in Monroe	7,618	**	**	**	**	8.5	9.8	17.3	18.1
McNeese State University	6,791	767	667	100	10.0	11.0	11.8	9.3	9.4
Nicholls State University	6,038	709	663	46	8.4	6.9	9.1	10.3	10.6
Grambling State University	4,169	312	297	15	4.5	6.2	8.8	5.8	5.0
Southern University at New Orleans	3,064	379	253	126	6.1	7.5	7.1	7.1	5.4
LSU in Shreveport	2,863	299	245	54	7.1	6.8	**	5.9	6.9
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	8,535	**	**	**	**	13.5	15.0	16.0	17.6
Baton Rouge Community College	2,127	182	148	35	15.1	15.4	19.0		
LSU at Eunice	1,963	138	126	12	8.6	12.4	10.0	11.3	13.3
LSU at Alexandria	1,716	199	175	24	7.3	10.6	8.3	8.6	7.7
Elaine P. Nunez Community College	1,322	391	232	160	17.7	17.0	**	**	**
Southern University at Shreveport	1,134	158	131	27	7.1	6.8	5.1	5.0	6.8
River Parishes Community College	258	18	18	0	9.0	1.5			

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2001